

## **ABSTRACT OF THE DISCLOSURE**

A process for manufacturing a flexible sleeve for a prosthesis or orthosis, including selecting sleeve preform (2) which consists of flexible thermoformable material and having approximately conical or cylindrical shape with a closed end of rounded shape the dimensions of which are matched to those of the stump or stump replica to be fitted with the prosthesis or with the orthosis; heating the preform (2) until it softens; slipping the softened preform over the stump or over the stump replica (1); conforming the shape of the softened preform (2) to that of the stump or of its replica (1); leaving the preform (2) to cool on the stump or on the replica; and removing the cooled preform which constitutes the finished sleeve from the stump or the stump replica.